

ATTACHMENT J16

HARRISBURG INTERNATIONAL AIRPORT (ANG) Wastewater Collection System

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J16 HARRISBURG INTERNATIONAL AIRPORT (ANG) Wastewater Collection System

J16.1 HARRISBURG INTERNATIONAL AIRPORT (ANG) Overview

Harrisburg International Airport (ANG) is home to the 193rd Special Operations Wing and is located in south central Pennsylvania, approximately 105 miles west of Philadelphia and nine miles north-west of Harrisburg. The airport is owned by the Commonwealth of Pennsylvania and is operated by the Pennsylvania Department of Transportation, Bureau of Aviation. The ANG occupies 23 buildings; 15 industrial; 6 administrative; and 2 services, amounting to approximately 295,000 square feet on approximately 36 acres at the east-end of the airport. There are 297 full time personnel on base with a twice a month drill weekend surge to 981 personnel.

J16.2 Wastewater Collection System Description

J16.2.1 Wastewater Collection System Fixed Equipment Inventory

The Harrisburg International Airport (ANG) Wastewater Collection System consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, manholes, lift stations, valves, controls, treatment plants, and meters. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the Wastewater Collection System privatization are:

- Oil water separators
- Grease traps

J16.2.1.1 Description

The wastewater collection system at Harrisburg International Airport (ANG) consists of approximately 2300 linear feet of PVC pipe ranging in size from four inches to eight inches and approximately 900 linear feet of vitrified clay pipe ranging in size from six inches to eight inches. The wastewater collection system also includes 15 eight-foot deep pre-cast concrete manholes. Two

of these manholes function as sewage lift stations with two submersible pumps installed at each location. The dates of construction for the wastewater collection system range from 1980 to 1988. Additionally 260 linear feet of the ANG's wastewater collection system (six inch PVC) serves the Federal Express facility at the airport. The quantity of effluent produced by this facility is unknown, however this amount is included in the base annual total.

J16.2.1.2 Inventory

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the Harrisburg International Airport (ANG) Wastewater Collection System included in the sale.

TABLE 1

Fixed Inventory

Wastewater Collection System Harrisburg International Airport (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PVC Pipe	4	394	LF	1982
	6	289	LF	1982
	6	421	LF	1988
	8	1189	LF	1982
Vitrified Clay Pipe				
	6	70	LF	1980
	8	862	LF	1980
Standard Sanitary Sewer Manhole				
Precast Concrete	8 ft	4	EA	1980
Precast Concrete	8 ft	6	EA	1982
Precast Concrete	8 ft	5	EA	1988
Wastewater Collection System Lift Pump				
Duplex, submersible, mercury float switch	1 hp	2	EA	1980
Duplex, submersible, mercury float switch	5 hp	2	EA	1980

Notes:

PVC = Polyvinyl Chloride

LF = Linear Feet

EA = Each

J16.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to

submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2

Spare Parts

Wastewater Collection System Harrisburg International Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Wastewater Collection System Harrisburg International Airport (ANG)

Description	Quantity	Location	Maker
None			

J16.2.3 Wastewater Collection System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System Harrisburg International Airport (ANG)

Qty	Item	Description	Remarks
1	Wastewater System Utility Map	Electronic copy	AutoCAD release 14

J16.3 Specific Service Requirements

The service requirements for the Harrisburg International Airport (ANG) Wastewater Collection System are as defined in the Section C Description/Specifications/Work Statement.

J16.4 Current Service Arrangement

Wastewater billing is based on water usage. Water usage is approximately 10.5 million gallons (1,400,000 cubic feet) of water annually. The current provider for wastewater treatment is the Susquehanna Regional Airport Authority.

J16.5 Secondary Metering

None

J16.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.
2. Outage Report. The Contractor's monthly outage report (blockage and overflow information) will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J16.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3 Utility Service Requirement, there are no projects implemented by the Government for managing and monitoring I&I.

J16.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Harrisburg International Airport (ANG) boundaries.

J16.9 Off-Installation Sites

No off-installation sites are included in the sale of Harrisburg International Airport (ANG) Wastewater Collection System.

J16.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

TABLE 5

Service Connections and Disconnections

Wastewater Collection System Harrisburg International Airport (ANG)

Location	Description
Mechanical room of Building #36	Wastewater utility owner shall be responsible for relocating the controls and appurtenances for lift station #1 (located at manhole at intersection of Hercules Way and Boxcar Road) from the mechanical room to a new location accessible to the utility owner.

J16.11 Government Recognized System Deficiencies

Table 6 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Harrisburg International Airport (ANG) Wastewater Collection System. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 6

System Deficiencies

Wastewater Collection System Harrisburg International Airport (ANG)

Project Location	Project Description
None	